

## T-HUB7-1 Rev A June 2012

### DESCRIPTION

The T-HUB7-1 is a Laboratory-quality high speed **USB 2.0** 7 port Hub approved for use with the full range of Telemakus **USB** products.

6 front panel and one rear panel outputs allow for easy cascading of 2 or more Hubs.

Each of the 7 ports are over current protected. This allows the remaining ports to operated normally when one or more ports are independently shut-down. To recover from this state the device needs to be removed and the **DC** supply cycled.

Four of the front panel ports are spaced to allow Telemakus **USB** test instruments to connected directly without the need for cables. (See Photo)

Optional locking **USB** connectors are available.

### BENEFITS

Custom **USB** 7 Port HUB

**USB 2.0** Interface

Professional Level Performance

### FEATURES

Cascadable

Independent **PSU 6V**

Overload Protected

Gold plated contacts



RF DESIGN SERVICES

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F O L S O M  
C A , 9 5 6 3 0

## Included Materials

### T-HUB-7

Universal AC to 6VDC 3A Power Supply  
Power Supply AC Adapters  
3ft USB A / B Cable

## Installation

- 1) Unpack the Universal Power Supply from its shipping box
- 2) Select the AC Adapter appropriate for your region
- 3) Snap the AC Adapter onto the Universal Power Supply
- 4) Connect the 6VDC cable to the T-HUB-7
- 5) Plug the Universal Power Supply into the AC outlet
- 6) Verify that the Green LED lights up on the T-HUB-7
- 7) Connect the included USB A / B cable to the T-HUB-7 Input connector
- 8) Connect the other end of the USB A / B cable to the PC host connection

The T-HUB-7 is now ready to accept other USB device connections

USB Ports 2,4,5 and 7 are uniquely spaced to accept cascaded Telemakus devices. In this configuration Ports 3 and 6 can be accessed using additional USB cables as shown in the photo below.

## Device Protection

The T-HUB-7 is designed to provide protection to each individual USB port. A failure on one port will cause that port to shutdown. All other ports will continue to function. To recover a failed port, all ports must be shutdown and the 6VDC supply to the T-HUB-7 must be cycled off.



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# T-HUB7-1

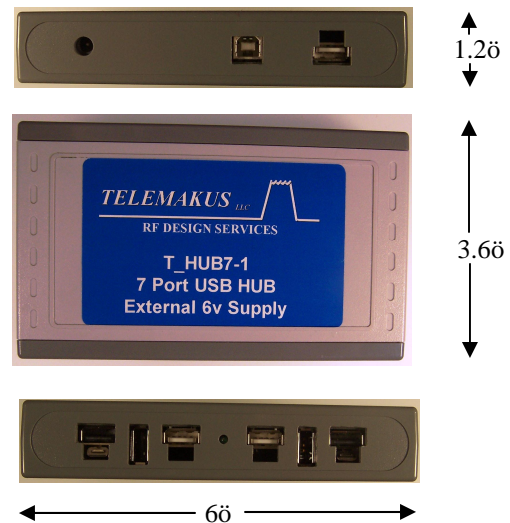
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## Ordering information

Model	Power	Input Connector	Output Connector
T-HUB-7	6v	I Type B	7 Type A
			4 Locking (option A)

## Specifications

Parameter	Specification
Output Current	0.5A Each
Output Voltage	5V Nominal
Supply Voltage	6V 3.5A min
Low Speed	1.5MB
Full Speed	12MB
High Speed	488MB
AC/DC Adapter	Universal



## Environmental

Temperature Range	-40 to +55 degC		
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